

IN THE SPECIFICATION

Please replace paragraph [0003] on page 1, with the following amended paragraph:

~~--No such methods exist as yet.~~ At present, in the case of an aircraft, unwanted noises are identified either before the aircraft is delivered by the manufacturer or when an unwanted noise appears during the operation of the aircraft by an airline. The expression "unwanted noise" refers to a noise that is perceptible in flight at an abnormal and unacceptable sound level. ~~To identify~~ In order to determine the noise, a specialist in acoustics and aeronautical engineering is called in to identify the source of the unwanted noise during test flights. Using his knowledge and experience, the expert identifies the sources of unwanted noises that he hears. This "manual" and empirical procedure is effective but costly.--

Please replace paragraph [0044] on page 9, with the following amended paragraph:

--FIG. 2 shows ~~diagrammatically~~ the first steps of one embodiment of a method according to the invention during which a sound recording is made and then analyzed. It is assumed here that the signature base has been established beforehand.--

Please replace paragraph [0068] on page 15, with the following amended paragraph:

~~--To resolve~~ In order to resolve the ambiguity by parameter variation, the frequency or level behavior is observed during parameter variation. The degree of freedom (parameter) to be changed is chosen automatically according to the behavioral characteristics of the candidate sources. This is because the signatures indicate to what extent a parameter influences the frequency or the level of the unwanted noise emitted.--